EPROM Field Retrofit Instructions
(Used in the Gauntlet™ Game)

A new set of erasable programmable read-only memory (EPROM) chips has been designed for your Gauntlet Game PCB to maximize game earnings. This new chip set modifies your game in several ways:

- The mazes are changed to prevent expert players from playing indefinitely. The new chip set changes the amount of food that can be found in the maze so that it is proportional to the number of players.

- The one-player game difficulty is increased, and to compensate, health per coin is also increased to help the beginner. The manufacturer's recommended setting is now 700 health per coin instead of 600 health per coin.

- The Statistics screen is not bypassed if the Warrior Magic button is pressed too quickly.

- The Death character is unable to trap a player in an area from which he cannot escape.

The new EPROMs, listed with their game PCB locations and part numbers, are:

Chip Sets

Location	Description	Part No.
	U.S. Gauntlet Games only:	
7A	200 ns EPROM Integrated Circuit	136037-1409
7B	200 ns EPROM Integrated Circuit	136037-1410
9A	200 ns EPROM Integrated Circuit	136037-1407
9B	200 ns EPROM Integrated Circuit	136037-1408
10A	200 ns EPROM Integrated Circuit	136037-205
10B	200 ns EPROM Integrated Circuit	136037-206
	German Gauntlet Games only:	
7A	200 ns EPROM Integrated Circuit	136037-1009
7B	200 ns EPROM Integrated Circuit	136037-1010
9A	200 ns EPROM Integrated Circuit	136037-1007
9B	200 ns EPROM Integrated Circuit	136037-1008
10A	200 ns EPROM Integrated Circuit	136037-205
10B	200 ns EPROM Integrated Circuit	136037-206
	Japanese Gauntlet Games only:	
7A	200 ns EPROM Integrated Circuit	136037-1309
7B	200 ns EPROM Integrated Circuit	136037-1310
9A	200 ns EPROM Integrated Circuit	136037-1307
9B	200 ns EPROM Integrated Circuit	136037-1308
10A	200 ns EPROM Integrated Circuit	136037-205
10B	200 ns EPROM Integrated Circuit	136037-206

The Japanese default game option settings are changed. The health per coin is increased to 1000, and the Reduced Text option is set to "Yes" for Japanese games only.

Installing Your Chip Set

Perform the following procedure to install the new chip set:

1. Turn the game power off.

2. After disconnecting all harness connectors, remove the Gauntlet Game PCB from the cabinet.

3. Locate each EPROM to be replaced, and remove it with a chip extractor tool.

4. For each new EPROM, align all of the pins on one side of the chip, and bend that row inward so that it is parallel to the other row. Carefully insert the chip into the proper socket on the game PCB.

5. Re-install the game PCB in the cabinet, connect all the harness connectors, and turn the game power on.

6. Refer to *Removing the Game PCB* in the Maintenance chapter of the *Gauntlet Operators Manual* for further information.

Setting the Game Options

Perform the following procedure to set the game option settings:

1. Unlock the right coin door and locate the self-test switch on the Audio PCB.

2. Turn on the self-test switch.

3. Use the Warrior Magic button to advance the self-test to the Game Options screen.

4. Move the Warrior joystick down to move the red box to the *Restore Factory Default Settings* option. Move the joystick to the right or left to select *Yes* and exit from the Game Options screen by pressing the Warrior Magic button. This procedure clears the EEPROM of previous settings and replaces the manufacturer's recommended default settings when the game enters the Attract Mode. Note: statistics and high score tables are automatically reset.

5. Turn off the self-test switch.

6. Refer to *Game Options* in the Self-Test chapter of the *Gauntlet Operators Manual* for further information.

7. The option settings in your Gauntlet game should correspond to those in the following table:

Game Option Settings

Option Name	Available Settings
Reset High Score Table	No Yes ◄
Sounds in Attract Mode	No Yes ◄
Restore Factory Default Settings	No ◄ Yes
Game Difficulty	0—Easiest 1 2—Easy 3 4—Moderate ◄ 5 6—Hard 7—Hardest
Health Per Coin	100, 125, 150, 175, 200, 225, 250, 300, 350, 400, 450, 500, 550, 600, 650, 700 ◄, 750, 800, 850, 900, 950, 1000 ↙, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, and 2000
Coins to Start	1 ◄, 2, 3, 4
Automatic Reset of High Score Tables	No Yes ◄
Disable Speech	No ◄ Yes
Reduce Text	No ◄ Yes ↙

◄ *Manufacturer's recommended settings*
↙ *Manufacturer's recommended settings for Japanese Gauntlet game only*